



ADDENDUM NO. 1

Webster Lift Station No. 1 Replacement Project
Project No. SE6240

FOR

City of Grants Pass

February 22, 2016



EXPIRES: 12/31/16

Bidders are hereby notified that the Bidding Documents are changed as described below.

I. DRAWINGS:

Drawing C02:

- The center line of the 4-inch force main exiting the wet well and valve vault shall be 903.34 as shown on M01. The force main exiting the valve vault is 4-inches in diameter.
- Provide 45 degree elbows at the valve vault exit to maintain the proper operation of flowmeter. Gradually slope down to the new manhole at 1+18.2.

Drawing M01:

- Delete reference to typical detail M275. Change freeze-proof yard hydrant in vault to freeze-proof wall hydrant. Delete wye and connection to drain pipe. Provide freeze-proof wall hydrant to meet the following:
 - Assembly shall be of the non-freeze type with integral backflow preventer and of a length to suit wall thickness of vault.
 - Acceptable Manufacturers are Woodford; Zurn Industries, Inc.; Josam Mfg. Co.; and J.R. Smith Co.
 - Install approximately 3-ft-6-in above the finished floor.
- Pipe penetration through the wet well for the 12-inch influent sewer and 4-inch force mains, and through valve vault shall be per attached pipe penetration typical detail P302. No annular seal ring is required.
- Change "P412 typical and Key Note 4" reference to **"P410 typical and Key Note 4"** for the drain on the maintenance pad.

Drawing M02:

- Delete typical detail M275.

Drawing E05:

- Locate and mount junction boxes for pump cables at the electrical/control panel pad. Extend 3-inch PVC coated steel conduit sleeves from each junction box into the wet well for the pump cables.

II. SPECIFICATIONS :

Specification Section 11312K – Submersible Medium Capacity Centrifugal Pumps:

Add Wilo Pumps as a named manufacturer with the following changes as noted in **bold** to the spec:

2.01 MANUFACTURERS

D. Submersible Pumps; One of the following or equal:

1. Flygt N.
2. Ebara.
3. **Wilo**

2.04 PUMP AND MOTOR CASING

A. Type: Watertight, air, **or oil** filled.

2.06 WEAR RINGS

A. Provide one of the following systems:

1. Wear ring system:
 - a. General: Used to provide efficient sealing between the volute and suction inlet of the impeller.
 - b. Volute wear ring:
 - 1) Material: Brass.
 - 2) Fitted to the volute inlet.
 - c. Impeller wear ring:
 - 1) Material: Type 316 stainless steel.
 - 2) Heat-shrunk fitted onto the suction inlet of the impeller.
 - 3) Flygt N impeller: part of replaceable suction cover.
 - 4) **Wilo: Impeller wear ring shall be AISI 329 duplex stainless steel wear ring fitted to the suction eye of the impeller. The casing shall be AISI 304 stainless steel wear ring fitted to the bottom suction inlet.**

Specification Section 17050: Common Work Results for Process Control and Instrumentation Systems: Changes the programming and integration services as noted in **bold** below:

1.01 SUMMARY

B. Section Includes:

1. General requirements applicable to all Process Control and Instrumentation Work.
2. General requirements for process control and instrumentation submittals.
3. **Programming of the PLC and local HMI at the Webster Lift Station No. 1 shall be performed by the Contractor.**

4. **Integration of the radio system at the Water Restoration Plant will be performed by the Engineer.**
5. **Programming and integration at the Water Restoration Plant will be performed by the Engineer.**

1.04 SYSTEM DESCRIPTION

C. a. 1) f: **Work performed by the Engineer:**

- (1) **Programming of the control system at the Water Restoration Plant to incorporate control, monitoring, and data logging for the lift station over radio communications.**
- (2) **Radio communications integration with Water Restoration Plant control system.**

1.06 QUALITY ASSURANCE

- D. The ICSC must ~~use have their own operating~~ UL listed panel fabrication facility. All panels must be fabricated at this facility and meet all UL 508/508A requirements.

Specification Section 17100: Control Strategies:

3.04 ERECTION, INSTALLATION, APPLICATION, CONSTRUCTION

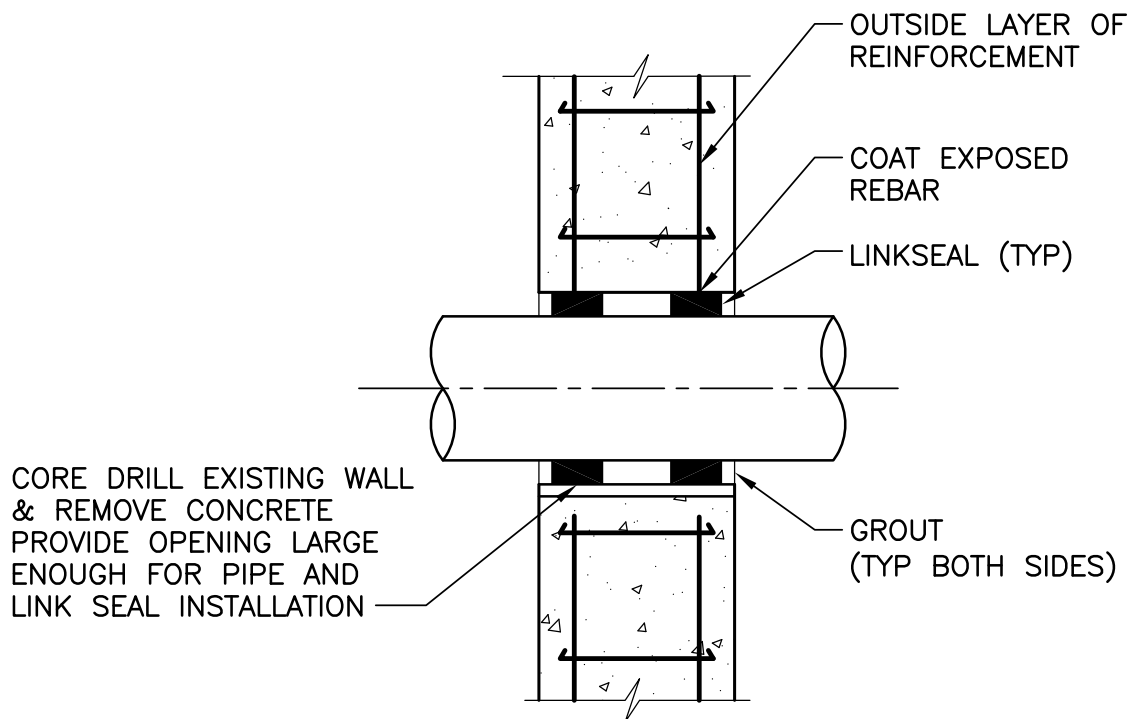
C. Common control functions:

17. b. 4) ~~For motors 200 HP and greater,~~ Provide software to prevent exceeding the manufacturer's recommended maximum starts per hour.

This Addendum No. 1, shall become part of the Contract and all provisions of the Contract shall apply thereto.

The time provided for completion of the Contract is not changed.

Bidders shall acknowledge receipt of all Addenda by number in the space provided in the Bid Form.



PIPE PENETRATION THROUGH
EXISTING WALL

R

12-13-08

